FORM PTO 1449 (REV <u>2-32</u>)			U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				10078US1	Serial No. 10/709,127
amno an	SIG	DISCLOS Jse severa	SURE ST I sheets	TATEMENT if necessary)	BY APPLICANT	Applicant Franaszek		
APR 2 9 2004 2					Filing Date:		Group:	
	~ ~ !						April 15, 2004	
THE TRADE	REG			U.	S. PATENT DOCUME	ENTS		
EXAMINER		DOCUMEN	т			 		FILING DATE IF
INITIAL		NUMBER		DATE	NAM8	CLASS	SUBCLASS	APPROPRIATE
U	1	4,807,110		02/21/1989	Pomerene et al.	711	213	04/06/1984
Cl	2	5,361,391		11/01/1994	Westberg	395	425	06/22/1992
LI	3	5,715,421		02/03/1998	Akiyama et al.	395	421.03	10/16/1992
LI	4	5,761,706		06/02/1998	Kessier et al.	711	118	11/01/1994
LI	5	5,796,971		08/18/1998	Emberson	395	383	08/22/1997
C (6	5,887,151		03/23/1999	Raz et al.	395	382	07/10/1997
(1	7_	6,134,643		10/17/2000	Kedem et al.	711	213	11/26/1997
4	8	6,182,201		01/30/2001	Arimilli et al.	711	202	04/14/1997
LI	9	6,286,075		09/04/2001	Stracovsky et al.	711	5	11/12/1999
4	10	6,535,961		03/18/2003	Wilkerson et al.	711	137	11/21/1997
4	11	6,598,123		07/22/2003	Anderson et al.	711	133	06/28/2000
41	12	6,606,617		08/12/2003	Bonner et al.	707	2	05/28/1999
	13	6,678,795		01/13/2004	Moreno et al.	711	137	08/15/2000
(1	14	6,687,794 B2		02/03/2004	Malik	711	137	10/18/2001
(1	15	2003/0221069 A1		11/27/2003	Azevedo et al.	711	136 137	05/22/2002 06/19/2003
()	16	2004/0030)840 A1	02/12/2004	Hesse et al.	1.4.	137	1 00/13/2003
				FORE	IGN PATENT DOCU	MENIS		
EXAMINER		DOCUMENT						FILING DATE IF
NITIAL		NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	APPROPRIATE
<u> </u>	<u> </u>	EP0173893 A2		03/12/1986	European			
L (2	JP816123	0	06/21/1996	Japan			
	•	OTHER	R DOCE	JMENTS (I	cluding Author, Title,	Date, Pertinen	t Patents, et	c.)
C(•	1	Adaptive Variation of the Transfer Unit in a Storage Hierarchy, IBM J. Res. Develop., Vol. 22, No.4, July 1978 405-412 - by P.A. Franaszek and B. T. Bennett.					
		2	Distribut Compute	ed Prefetch-buf r Science and E	fer/Cache Design for High Pe lectrical Engineering, Duke I	rformance Memory	Systems, pp 25 NC, 1996 - by	54-263, Departments of Thomas Alexander and
(accuscas bugineesing, Dake t	Jniversity, Durham,	, , ,	
			Gershon	Kedem.		•		
		3	Gershon DRAM-F	Kedem. Page Prediction	and Prefetching, pp. 267-275	•		
LL		3	Gershon DRAM-F NC, 2000	Kedem. Page Prediction) by Haifeng Yi	and Prefetching, pp. 267-275 and Gershon Kedem.	, Computer Science	Department, D	tuke University, Durhar
		4	Gershon DRAM-F NC, 2000 On the S	Kedem. Page Prediction Oby Haifeng Yo Wability of Temp	and Prefetching, pp. 267-275 and Gershon Kedern.	, Computer Science	Department, D	uke University, Durhar
LL	,		Gershon DRAM-F NC, 2000 On the S TCP: Tag	Kedem. Page Prediction Day Haifeng You Day Hai	and Prefetching, pp. 267-275 u and Gershon Kedern. poral Data Reference Profiles efetchers, by Zhigang Hu of	, Computer Science	Department, D	uke University, Durhar
LL		5	On the Stofanos	Kedem. Page Prediction One Predictio	and Prefetching, pp. 267-275 and Gershon Kedem. oral Data Reference Profiles efetchers, by Zhigang Hu of re Systems.	, Computer Science Microsoft Research BM Corp.; Margar	Department, D h, Redmond, W el Martonosi of	uke University, Durhar A - by Trishul M. Chill Princeton University; (
LL		5	On the Stofanos Performa	Kedem. Page Prediction by Haifeng You by Haifeng You by Correlating Property Correlating Property Castras of Age ance Study of the	and Prefetching, pp. 267-275 u and Gershon Kedern. poral Data Reference Profiles efetchers, by Zhigang Hu of	, Computer Science Microsoft Research BM Corp.; Margar erscalar Processor A	Department, D	Puke University, Durhan A - by Trishul M. Chill Princeton University; Julio Sahuquillo, Salva
LL	i i	5	Gershon DRAM-F NC, 2000 On the St TCP: Tag Stefanes Performa Petit and Belgrade	Kedem. Page Prediction by Haifeng Yu pability of Tempo Correlating Pr Kaxiras of Age nce Study of th Ana Pont of Ut Yugoslavia.	and Prefetching, pp. 267-275 a and Gershon Kedem. boral Data Reference Profiles efetchers, by Zhigang Hu of re Systems. e Filter Data Cache on a Sup- niversidad Politechnica de Va	, Computer Science Microsoft Research BM Corp.; Margar erscalar Processor A lencia, Spain and V	Department, D h, Rodmond, W et Martonosi of chitecture, by eljko Milutinov	A-by Trishul M. Chill Princeton University: Julio Sahuquillo, Salva no of University of
LL		5	Gershon DRAM-F NC, 2000 On the 30 TCP: Tag Stofanos Performa Petit and Belgrade A Data C	Kedem. Page Prediction by Haifeng Yu pability of Tomp Correlating Pr Kaxiras of Age nce Study of th Ana Pont of Ut Yugoslavia. ache with Mult	and Prefetching, pp. 267-275 a and Gershon Kedern. boral Data Reference Profiles efetchers, by Zhigang Hu of re Systems. e Filter Data Cache on a Sup- niversidad Politechnica de Va iple Cashing Strategies Tune	, Computer Science , Microsoft Research BM Corp.; Margare erscalar Processor A llencia, Spain and V d to Different Types	n, Rodmond, Well Martonosi of urchitecture, by eljko Milutinov	A-by Trishul M. Chill Princeton University: Julio Sahuquillo, Salva no of University of
LL		6	Gershon DRAM-F NC, 2000 On the 30 TCP: Tag Stefanos Performa Petit and Belgrade A Data C Aliagas a	Kedem. Page Prediction by Haifeng Yu pability of Tomp Correlating Pr Kaxiras of Age nce Study of th Ana Pont of Ut Yugoslavia. Tache with Mult and Mateo Vale	and Prefetching, pp. 267-275 a and Gershon Kedem. boral Data Reference Profiles efetchers, by Zhigang Hu of re Systems. e Filter Data Cache on a Sup- niversidad Politechnica de Va iple Cashing Strategies Tune- ro of Universitat Politecnica de	, Computer Science , Microsoft Research BM Corp.; Margare erscalar Processor A lencia, Spain and V d to Different Types te Catalunya, Barce	n, Rodmond, Well Martonosi of urchitecture, by eljko Milutinov of Locality, by lona, Spain.	Puke University, Durhan A - by Trishul M. Chill Princeton University; Julio Sahuquillo, Salva nic of University of Antonio Gonzalez, Ca
LL		6	Gershon DRAM-F NC, 2000 On the 30 TCP: Tag Stefanos Performa Petit and Belgrade A Data C Aliagas a Filtering	Kedem. Page Prediction Duy Haifeng Yu Tability of Temp Correlating Pr Kaxirus of Age nce Study of th Ana Pont of Un Yugoslavia. Tache with Mult and Mateo Vale Superfluous Pr	and Prefetching, pp. 267-275 a and Gershon Kedern. boral Data Reference Profiles efetchers, by Zhigang Hu of re Systems. e Filter Data Cache on a Sup- niversidad Politechnica de Va iple Cashing Strategies Tune	, Computer Science , Microsoft Research BM Corp.; Margard erscalar Processor A llencia, Spain and V d to Different Types the Catalunya, Barce rs by Wei-Fen Lin,	Department, D. h, Redmond, W. el Martonosi-of- urchitecture, by eljko Milutinov s of Locality, by lona, Spain. Steven K. Reinl	Puke University, Durham A - by Trishul M. Chill Princeton University; Julio Sahuquillo, Salvanic of University of Antonio Gonzalez, Cahardt of University of

Examiner

1

cl

10

11

12

Date considered

Adaptive Caching for Demand Prepaging, by Scott F. Kaplan, Lyle A. McGeoch, and Megan F. Cole of Amherst

Time Series Prediction using Recurrent SOM with Local Linear Models, Research Reports B15, Oct. 1997 - by

Timo Koskela, Markus Varsta, Jukka Heikkonen, and Kimmo Kashi of Helsinki University of Technology, Finland. Temporal Sequence Processing using Recurrent SOM, by Timo Koskela, Markus Varsta, Jukka Heikkonen, and

4/13/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

College, Massachusetts - ISMM '02, June 20-21, 2002, Berlin Germany

Kımmo Kaski of Helsinki University of Technology, Finland.

Were not considered of 18, 12, 6, 18, 12 publication of considered by the